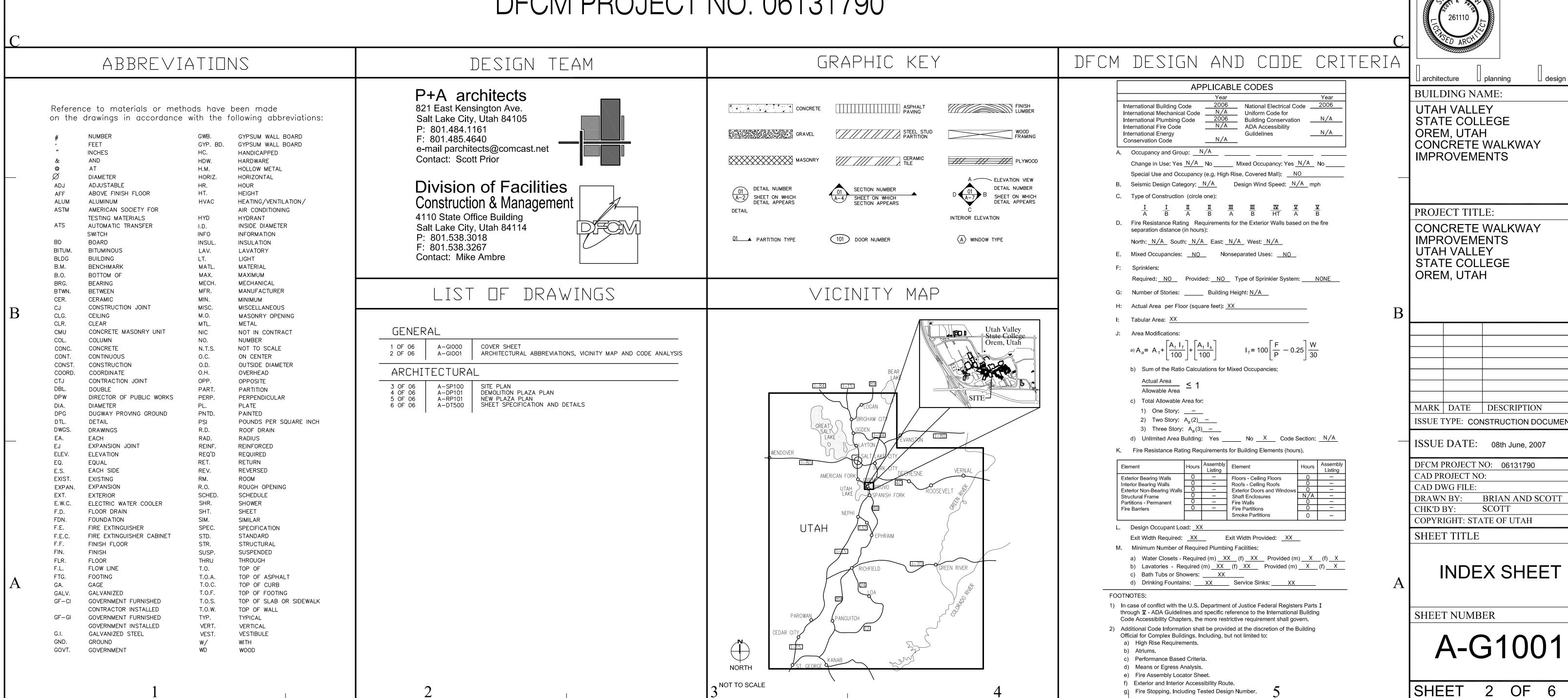
State of Utah Department of Administrative Services UTAH VALLEY Division of Facilities Construction & Management 4110 State Office Building Salt Lake City, Utah 84114 Phone: (801) 538 - 3018 Fax: (801) 538 - 3267 STATE COLLEGE Internet: http://www.dfcm.state.ut.us CONCRETE WALKWAY CREATED BY: P+A architects IMPROVEMENTS P+A architects 821 East Kensington Ave. Salt Lake City, Utah 84105 P 801 484 1161 F: 801.485.4640 e-mail parchitects@comcast.net OREM, UTAH DFCM PROJECT NO. 06131790 **BUILDING NAME:** UTAH VALLEY STATE COLLEGE OREM, UTAH CONCRETE WALKWAY **IMPROVEMENTS** PROJECT TITLE: **CONCRETE WALKWAY IMPROVEMENTS** UTAH VALLEY STATE COLLEGE OREM, UTAH State of Utah— Department of Administrative Services ISSUE DATE: 08th June, 2007 DFCM PROJECT NO: 06131790 DIVISION OF FACILITIES CONSTRUCTION CAD PROJECT NO: CAD DWG FILE: BRIAN AND SCOTT AND MANAGEMENT SCOTT COPYRIGHT: STATE OF UTAH SHEET TITLE 4110 State Office Building / Salt Lake City, Utah 84114 / 538-3018 **COVER SHEET** June 7th, 2007 SHEET NUMBER A-G1000 SHEET OF 6

UTAH VALLEY STATE COLLEGE CONCRETE WALKWAY IMPROVEMENTS

> OREM, UTAH DFCM PROJECT NO. 06131790



State of Utah

Department of Administrative Services



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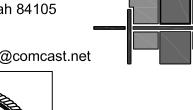
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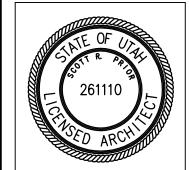


CREATED BY: P+A architects

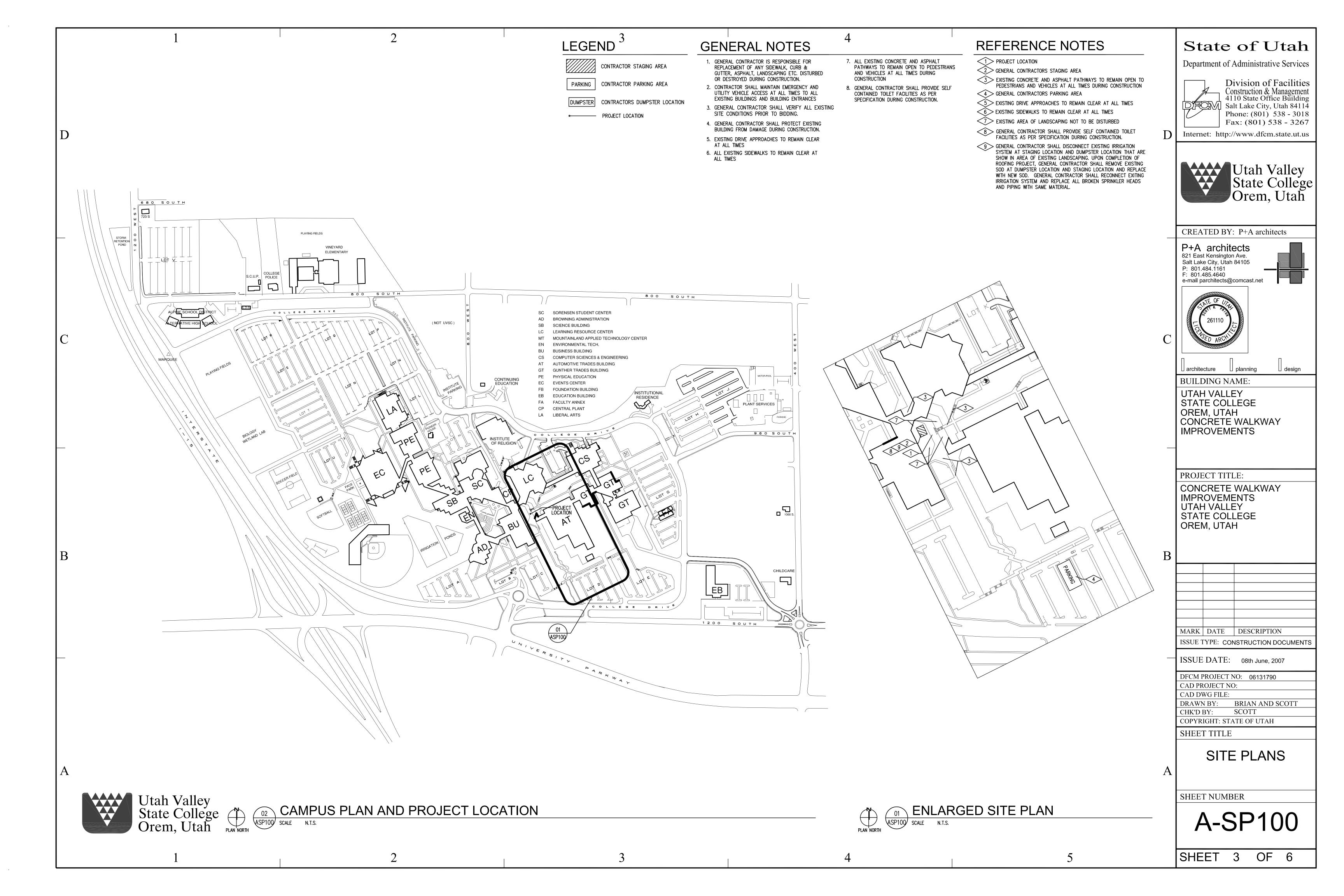
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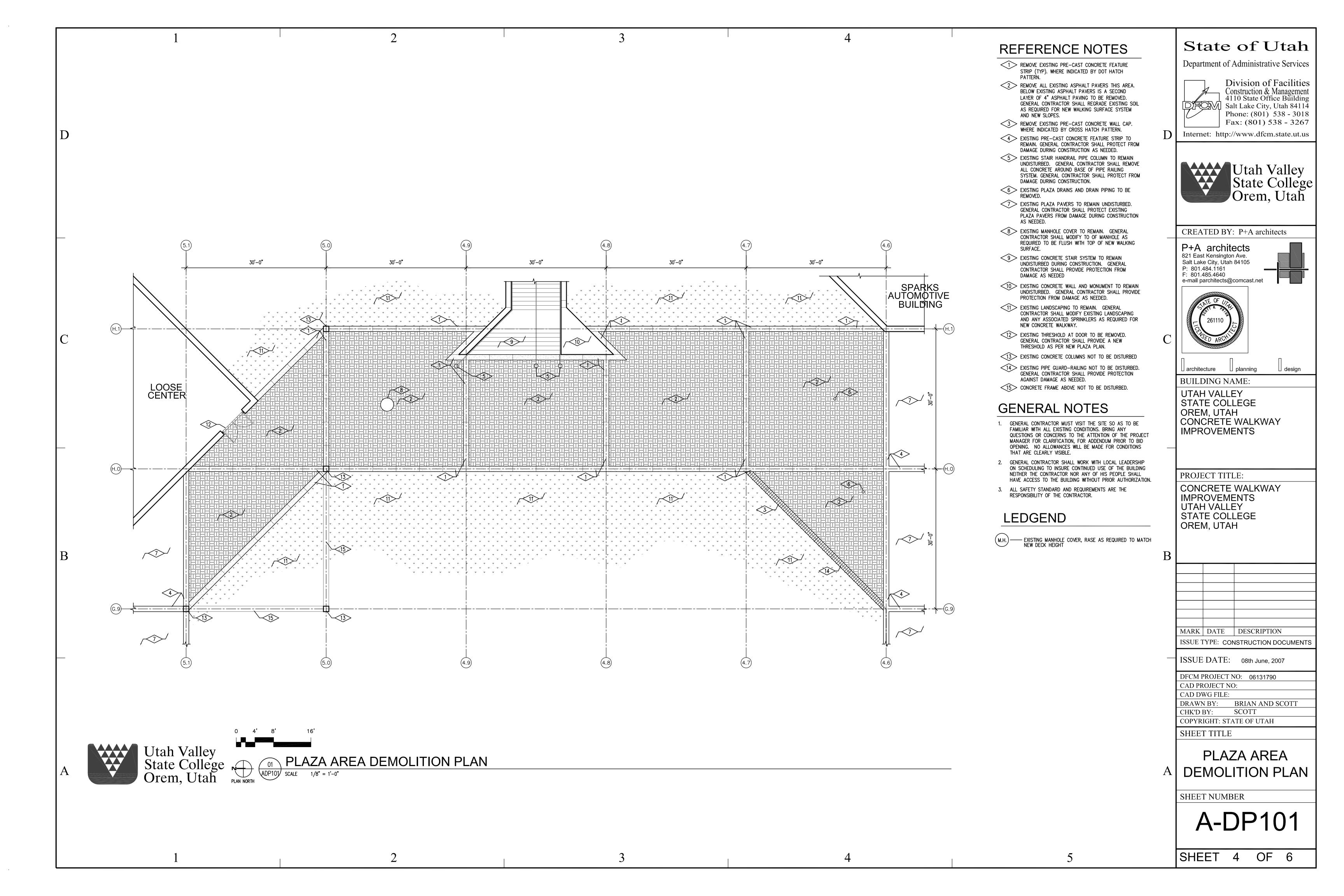
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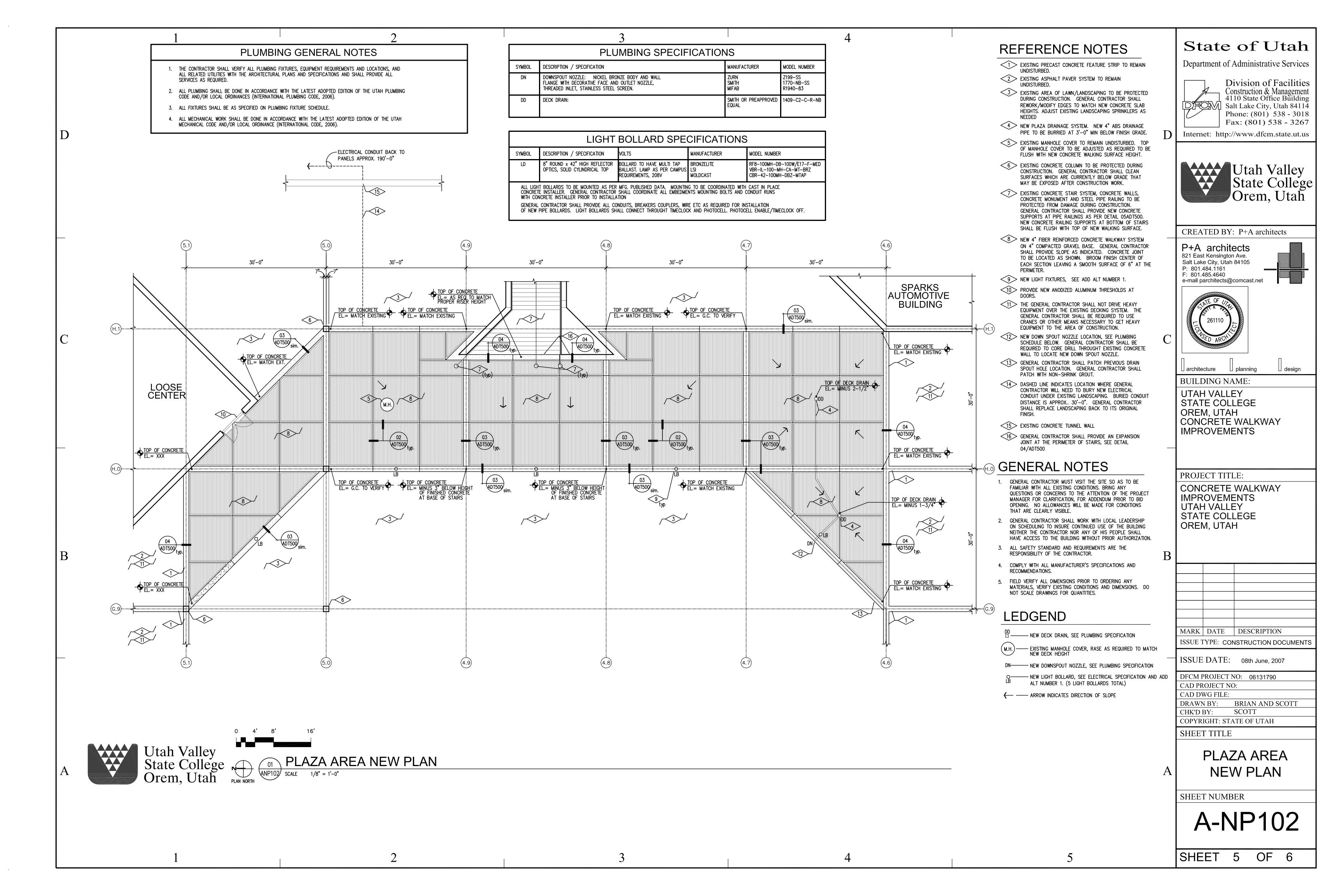




ISSUE TYPE: CONSTRUCTION DOCUMENTS







DIVISION 3 AND 4 - STRUCTURAL DIVISION 16 - ELECTRICAL OUTSIDE WALL, SEE-GENERAL REQUIREMENTS **GENERAL REQUIREMENTS** TEMPORARY FACILITIES ARCHITECTS DWGS. PROVIDE. FOR USE OF OTHER TRADES DURING I. GENERAL: GENERAL CONDITIONS: THE GENERAL CONDITIONS, CONSTRUCTION PERIOD, REQUIRED TEMPORARY ELECTRICAL CAULK WEATHER— SUPPLEMENTARY GENERAL CONDITIONS, SPECIAL EXISTING VERTICAL HANDRAILING— B. CONTRACTOR SHALL COMPARE ALL DIMENSIONS AND CONDITIONS POWER, COMPLETE WITH REQUIRED MAIN BREAKER, SWITCH CONDITIONS, ALTERNATES AND ADDENDA, APPLICABLE SUPPORT, GENERAL CONTRACTOR :===<<u>{</u>-ON CONTRACT DOCUMENTS AND AT THE SITE. ANY OMISSION OR PANEL, METER, POLES, CONDUCTORS, ETC. SEE DIVISION 2 DRAWINGS AND TECHNICAL SPECIFICATIONS SHALL APPLY SHALL TOUCH UP PAINT CONFLICT SHALL BE BROUGHT TO THE ATTENTION OF THE AT COMPLETION OF WORK, OR WHEN SO ORDERED BY TO ALL WORK UNDER THIS DIVISION. NICKLE BRONZE DOWNSPOUT NOZZLE ARCHITECT OR CONTRACTOR, REMOVE FROM SITE ALL ARCHITECT/ENGINEER. IN CASE OF ANY CONFLICT FOLLOW THE STATE LICENSED CONTRACTOR - THE CONTRACTOR SHALL MOST STRINGENT REQUIREMENT AS DIRECTED BY PARTS OF TEMPORARY ELECTRICAL SERVICES, LEAVING NO -PROVIDE A STAINLESS INFILL W/ EXTERIOR GRADE (DN) WITH STAINLESS HAVE A CURRENT STATE ELECTRICAL CONTRACTING DISCERNIBLE SCARS. CONTRACTOR MAY CONNECT AND ARCHITECT/ENGINEER. STEEL PIPE SLEVE AT NON-SHRINK GROUT, "POP-ROCK" STEEL BIRD SCREEN LICENSE. USE LIGHTING FIXTURES AS DESIGNATED BY ARCHITECT FOR PIPE RAILING ANCHORING COMPOUND" 2. DESIGN CRITERIA: SCOPE LIGHTING DURING CONSTRUCTION. REPLACE BULBS AND OTHER PARTS OF LIGHTING FIXTURES DAMAGES OR BURNED A. BUILDING CODE: 2006 INTERNATIONAL BUILDING CODE (IBC) W/ THE WORK COVERED BY THESE DOCUMENTS CONSISTS OF OUT DURING SUCH USE AT COMPLETION OF WORK AT NO DFCM AMENDMENTS FURNISHING ALL LABOR, MATERIALS, EQUIPMENT, ADDITIONAL COST TO OWNER. Broom Finished — SUPERVISION AND SERVICES NECESSARY TO FILL THE CONCRETE SLAB, SEE INTENT AND PURPOSE OF THE ELECTRICAL WORK SHOWN 3. CONCRETE: <u>SYSTEMS</u> ON THE DRAWINGS AND HEREINAFTER SPECIFIED. ITEMS DRAWING A-NP102. ====<{-[A. ALL MATERIALS SHALL COMPLY WITH ACI 318 AND ACI 347 ELECTRICAL SUBCONTRACTOR SHALL VERIFY EXISTING ─ CORE DRILL EXISTING MASONRY WALL OMITTED FROM EITHER THE DRAWINGS OR SPECIFICATIONS, PUBLICATIONS AND APPLICABLE ASTM PUBLICATIONS. DOWNSPOUT-ELECTRICAL SYSTEM AND VERIFY THAT IT WILL BE BUT SHOWN OR DESCRIBED IN THE OTHER, AND/OR ALL WALL FLANGE BOLTED TO WALL B. CONCRETE MATERIAL PROPERTIES: 28-DAY COMPRESSIVE COMPATIBLE WITH THE LIFT AS PROVIDED BY THE GENERAL ITEM NECESSARY MAKE THE ELECTRICAL SYSTEM COMPLETE STRENGTHS ARE TO BE 3000 PSI TYPICAL UNLESS NOTED CONTRACTOR AND WORKABLE SHALL BE UNDERSTOOD TO FORM A PART OTHERWISE. OF THE WORK. <u>GROUNDING</u> C. ALL CAST IN PLACE CONCRETE SHALL BE FIBER REINFORCED MATERIALS AND WORKMANSHIP THE NEUTRAL CONDUCTOR AND CABINET, CONDUITS, APPLIANCES, EQUIPMENT, MOTOR FRAMES, AND MOTOR D. CAST IN PLACE CONCRETE: ALL MATERIALS AND EQUIPMENT FURNISHED AND BASES, ETC., SHALL BE BONDED TO THE GROUNDING SPACING OF CONSTRUCTION JOINTS OR CONTROL JOINTS INSTALLED SHALL BE OF THE HIGHEST QUALITY, NEW AND AS SHOWN ON DRAWINGS SYSTEM IN ACCORDANCE WITH REQUIREMENTS OF THE MEET THE STANDARDS OF NEMA, IPCEA, LS, UL, NFPA, SEC. NOZZLE AT WALL STAIR PIPE RAILING DETAIL NATIONAL ELECTRIC CODE. PROVIDE EXTRA REINFORCING AROUND ALL OPENINGS UBS, OSH, NEC, AND SHALL BEAR THEIR LABEL WHEREVER EXCEEDING 24 INCHES SQUARE OR ROUND IN ALL SLABS STANDARDS HAVE BEEN ESTABLISHED AND LABEL SERVICE CONDUIT SYSTEMS SCALE TAD T500 AND WALLS EQUAL TO TWO #5 BARS ON FOUR SIDES AND IS AVAILABLE. WHERE MATERIALS AND EQUIPMENT ARE ELECTRICAL METALLIC TUBING SHALL BE USED WHERE EXTEND TWO FEET BEYOND THE OPENING. SPECIFIED BY MANUFACTURER'S NAME, THE TYPE AND SIZES 4" AND SMALLER ARE REQUIRED, EXCEPT WHERE QUALITY REQUIRED IS THEREBY DENOTED. THE ARCHITECT PROVIDE A 3/4" CHAMFER ON ALL EXPOSED CORNERS OF INSTALLED IN EARTH, CONCRETE SLABS ADJACENT TO ______ SHALL BE AFFORDED EVERY FACILITY DEEMED NECESSARY CONCRETE UNLESS NOTED OTHERWISE. EARTH. OR IN LOCATIONS WHERE SUBJECT TO MECHANICAL TO INSPECT AND EXAMINE THE MATERIALS AND PROVIDE CLASS B LAP SPLICES FOR ALL REINFORCING INJURY. IN ALL SUCH CASES, POLYVINYL CHLORIDE -CONCRETE STAIR RISER APPARATUS BEING INSTALLED TO PROVE THEIR QUALITY, UNLESS NOTED OTHERWISE. CONDUIT SHALL BE USED. TUBING MAY BE USED IN WHERE OCCURS, SEE SKILL AND COMPETENCY OF WORKMANSHIP. 1'-4" PROVIDE ISOLATION JOINTS AROUND ALL COLUMNS AT ALL DRAWING A-NP102 SLABS ABOVE GRADE LEVEL. EXPOSED SLAB ON GRADE AREAS. CODES- REGULATION AND PERMITS AT COMPLETION OF WORK, OR WHEN SO ORDERED BY SEALANT WITH CLOSED CELL-BROOM FINISHED-" PREMOLDED IN THE INSTALLATION OF THIS WORK, COMPLY WITH THE —EXISTING PRECAST ARCHITECT OR CONTRACTOR, REMOVE FROM SITE ALL CONCRETE SLAB, SEE FOAM BACKER ROD BEHIND EXPANSION FILLER CONCRETE FEATURE STRIP REQUIREMENTS OF THE LAWS, ORDINANCES AND RULES OF PARTS OF TEMPORARY ELECTRICAL SERVICES, LEAVING NO 4. STRUCTURAL AND MISCELLANEOUS STEEL: DRAWING A-NP102. (REFER TO DETAIL 04/ADT502) THE STATE AND NATIONAL BOARD OF FIRE UNDERWRITERS. TO REMAIN UNDISTURBED. DISCERNIBLE SCARS. CONTRACTOR MAY CONNECT AND A. MATERIAL PROPERTIES: THE NATIONAL ELECTRICAL CODE, AND THE RULES AND USE LIGHTING FIXTURES AS DESIGNATED BY ARCHITECT FOR SQUARE OR RECTANGULAR TUBES TO BE ASTM A 500, LIGHTING DURING CONSTRUCTION. REPLACE BULBS AND REGULATIONS OF LOCAL ORDINANCES. GRADE B, Fy = 46 KSI. OTHER PARTS OF LIGHTING FIXTURES DAMAGES OR BURNED 4. ALL STEEL TO BE DETAILED, FABRICATED AND ERECTED IF A CONFLICT OCCURS BETWEEN THESE RULES AND OUT DURING SUCH USE AT COMPLETION OF WORK AT NO DOCUMENTS, THE RULES ARE TO GOVERN. THE IN ACCORDANCE WITH A.I.S.C. SPECIFICATIONS, LATEST ADDITIONAL COST TO OWNER. CONTRACTOR ACCEPTS THIS RESPONSIBILITY UPON SUBMITTING HIS BID, AND NO EXTRA CHARGE WILL BE <u>SYSTEMS</u> B. WELDING: ALLOWED AFTER THE ELECTRICAL CONTRACT IS AWARDED. ELECTRICAL SUBCONTRACTOR SHALL VERIFY EXISTING 1. FOR STRUCTURAL STEEL TO BE IN ACCORDANCE WITH THIS SHALL NOT BE CONSTRUED AS RELIEVING THE ELECTRICAL SYSTEM AND VERIFY THAT IT WILL BE CONTRACTOR FROM COMPLYING WITH ANY REQUIREMENTS A.W.S. REQUIREMENTS FOR E70XX ELECTRODES. COMPATIBLE WITH THE LIFT AS PROVIDED BY THE GENERAL OF THE PLANS OR SPECIFICATIONS WHICH MAY BE IN CONTRACTOR C. BOLTS: EXCESS OF REQUIREMENTS OF THE HEREIN MENTIONED ALL BOLTS TO BE 3/4" DIAMETER ASTM A 325-N UNLESS RULES AND NOT CONTRARY TO SAME. ALL MATERIALS <u>GROUNDING</u> AND EQUIPMENT INSTALLED, INCLUDING LIGHTING FIXTURES, NOTED OTHERWISE. THE NEUTRAL CONDUCTOR AND CABINET, CONDUITS, SHALL HAVE BEEN TESTED AND APPROVED BY 2. BOLTS, NUTS AND WASHERS SHALL NOT BE REUSED. APPLIANCES, EQUIPMENT, MOTOR FRAMES, AND MOTOR UNDERWRITER'S LABORATORY AND SHALL BE SE LABELED, BASES, ETC., SHALL BE BONDED TO THE GROUNDING ANCHOR BOLTS SHALL BE ASTM A 307 OR A 36. CLOSED CELL FOAM FILLER 4" COMPACTED GRAVEL BASE-UNLESS OTHERWISE APPROVED BY THE ARCHITECT. SYSTEM IN ACCORDANCE WITH REQUIREMENTS OF THE ARCHITECTURAL AND MECHANICAL DOCUMENTS ARE NATIONAL ELECTRIC CODE. 6" CONCRETE FEATURE STRIP— CONSIDERED A PART OF THE ELECTRICAL DOCUMENTS CONDUIT SYSTEMS INSOFAR AS THEY APPLY, AS IF REFERRED TO IN FULL ELECTRICAL METALLIC TUBING SHALL BE USED WHERE SLAB EXPANSION JOINT DETAIL SINCE THE DRAWINGS OF THE FLOOR INSTALLATION ARE SIZES 4" AND SMALLER ARE REQUIRED. EXCEPT WHERE MADE AT A SMALL SCALE, DEVICES, EQUIPMENT, ETC., ARE INSTALLED IN EARTH, CONCRETE SLABS ADJACENT TO $\frac{1}{2}$ (ADT500) SCALE 3'' = 1'-0''INDICATED ONLY IN THEIR APPROXIMATE LOCATION, UNLESS EARTH, OR IN LOCATIONS WHERE SUBJECT TO MECHANICAL DIMENSIONED. LOCATE APPARATUS SYMMETRICALLY ON INJURY. IN ALL SUCH CASES, POLYVINYL CHLORIDE FLOORS, AND WALL WHERE NOT DIMENSIONED, AND CONDUIT SHALL BE USED. TUBING MAY BE USED IN COORDINATE SUCH LOCATIONS WITH WORK OF OTHER SLABS ABOVE GRADE LEVEL. TRADES TO PREVENT INTERFERENCES. ALL DIMENSIONS ON INTERMEDIATE METALLIC TUBING SYSTEMS SHALL UTILIZE THE JOB SHALL BE VERIFIED. DO NOT SCALE THE DRAWINGS, BUT REFER TO THE ARCHITECTURAL AND TYPE FITTINGS THROUGHOUT. CRIMPON INDENTER TYPE MECHANICAL DRAWINGS FOR DIMENSIONS. 1'-4" FITTINGS WILL NOT BE ACCEPTABLE. PRECAUTION SHALL UPON COMPLETION OF THE INSTALLATION, FURNISH A SET BE EXERCISED TO PREVENT ACCUMULATION OF WATER. **BROOM FINISHED-**-Brodm Finished 火" PREMOLDED OF "RECORD" DRAWINGS TO THE ARCHITECT CLEARLY DIRT, OR CONCRETE IN THE CONDUITS DURING THE CONCRETE SLAB, SEE CONCRETE SLAB, SEE **EXPANSION FILLER** MARKED WITH THE CHANGES AUTHORIZED DURING EXECUTION OF THE WORK. DRAWING A-NP102. DRAWING A-NP102. STRIP (TYP) CONSTRUCTION. ALSO SUBMIT WARRANTIES. OPERATION CONDUITS IN WHICH WATER OR FOREIGN MATTER HAS BEEN AND MAINTENANCE DATA ON ALL ITEMS OF EQUIPMENT. PERMITTED TO ACCUMULATE SHALL BE THOROUGHLY CLEANED OR THE CONDUIT RUNS REPLACED WHERE SUCH STORAGE AND PROTECTION OF MATERIALS ACCUMULATION CANNOT BE REMOVED BY METHODS PROVIDE STORAGE SPACE FOR MATERIALS AND APPARATUS APPROVED BY THE ARCHITECT. NO WIRE SHALL BE AND ASSUME COMPLETE RESPONSIBILITY FOR ALL LOSSES INSTALLED UNTIL WORK WHICH MIGHT CAUSE DAMAGE TO DUE TO ANY CAUSE WHATSOEVER. IN NO CASE SHALL THE WIRE OR CONDUIT HAD BEEN COMPLETED. CONDUIT STORAGE INTERFERE WITH TRAFFIC CONDITIONS IN ANY WHICH HAS BEEN CRUSHED OR DEFORMED IN ANY MANNER PUBLIC THOROUGHFARE OR CONSTITUTE A HAZARD TO SHALL NOT BE INSTALLED. CONDUIT RUNS SHALL BE PERSONS IN THE VICINITY. PROTECT COMPLETED WORK. KEPT A MINIMUM DISTANCE OF 6 INCHES FROM HOT WATER WORK UNDERWAY, AND APPARATUS AGAINST LOSS OR AND STEAM PIPES. CONDUIT, TUBING, AND BOXES SHALL BE SUPPORTED IN AN SHOP DRAWINGS APPROVED MANNER BY MEANS OF EXPANSION SHIELDS OR EMBEDDED SUPPORTS IN CONCRETE OR SOLID MASONRY, SHOP OR DETAIL DRAWINGS SHALL BE SUBMITTED IN TOGGLE BOLTS ON HOLLOW MASONRY UNITS, WOOD QUADRUPLE TO THE ARCHITECT PRIOR TO INSTALLATION OF SCREWS ON WOOD AND METAL SCREWS ON METAL. 4" COMPACTED GRAVEL BASE-ANY EQUIPMENT WHEN SHOP DRAWINGS ARE REQUIRED, AS THICKEN CONCRETE SLAB AT ENDS (TYP)-WOODEN PLUGS INSERTED IN CONCRETE OR MASONRY HEREINAFTER SPECIFIED. UNITS SHALL NOT BE USED AS A BASE FOR FASTENING 6" CONCRETE FEATURE STRIP-CONDUITS, TUBING, BOXES, CABINETS, ETC. CONTRACTOR SHALL PREPARE AND SUBMIT ANY DETAIL DRAWINGS AT ANY TIME SUCH DRAWINGS ARE DEEMED ALL RACEWAYS 3/4" AND LARGER SHALL UTILIZE OZ TYPE NECESSARY BY THE ARCHITECT AND SHALL OBTAIN "A" INSULATING BRUSHING AT CABINET AND OUTLETS. TYP FEATURE STRIP DETAIL WRITTEN APPROVAL OF SAME BEFORE PROCEEDING WITH RACEWAY ENTERING OUTLETS OF CABINETS SHALL HAVE THE INSTALLATION OF THE WORK. DOUBLE LOCK NUTS APPLIED FOR GROUNDING PURPOSES AND THEN INSULATING BRUSHING APPLIED OVER LOCK NUT. SHOP DRAWINGS SHALL BE SUBMITTED IN PROPERLY ALL EMPTY CONDUITS SHALL HAVE A 200 POUND NYLON BOUND AND INDEXED BROCHURES. LIGHTING FIXTURE PULL WIRE. BROCHURE'S SHALL INCLUDE FIXTURE TYPE NUMBERS, <u>CONDUCTORS</u> MANUFACTURER, AND CATALOG NUMBERS. SPECIAL FEATURES NOT NORMALLY INCLUDED AS STANDARD, SHALL CONDUCTORS FOR FEEDERS AND BRANCH CIRCUITS, BE LABELED. UNLESS NOTED OTHERWISE, SHALL BE COPPER. INSULATION SHALL BE TYPE THW. NEUTRAL CONDUCTORS SHALL BE THE SIZES INDICATED ON THE RISER DIAGRAM. <u>TESTING</u> CONTRACTOR SHALL TEST THE SYSTEM IN THE PRESENCE JOINT SEALANT, DOW CORNING 888 OR SEALANT TOOLED 1/4" TO 1/2" -OF THE PROJECT MANAGER OR HIS DESIGNATED PHASE A - BLACK APPROVED EQUILVALENT. INSTALL TO PROPER BELOW PAVEMENT SURFACE REPRESENTATIVE, AND DEMONSTRATE ALL EQUIPMENT AS PHASE B — RED ADT500 DEPTH AND WIDTH. 1 THICKNESS WORKING AND OPERATING. ALL GROUNDINGS, OPENS, NEUTRAL - WHITE BACKER ROD. EXPANDED CLOSED-CELL SHORTS OR OTHER DEFECTS SHALL BE RECTIFIED AT NO BROOM FINISHED-GROUND - GREEN ∄" RADIUS POLYETHYLENE FOAM. PLACE TO PREVENT EXTRA COST TO THE OWNER BEFORE ACCEPTANCE AND CONCRETE SLAB, SEE THREE SIDED ADHESION. DRAWING A-NP102. <u>GUARANTEE</u> THE ENTIRE ELECTRICAL SYSTEM INSTALLED UNDER THIS CONTRACT SHALL BE LEFT IN PROPER WORKING ORDER AND BE IN COMPLIANCE WITH THE DRAWINGS, SPECIFICATIONS AND/OR AUTHORIZED CHANGES TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE. WITHOUT ADDITIONAL CHARGE, REPLACE ANY WORK OR MATERIALS WHICH DEVELOP DEFECTS, EXCEPT FROM ORDINARY WEAR AND TEAR, WITHIN ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE. A WRITTEN GUARANTEE COVERING THE ABOVE PROVISIONS SHALL BE SIGNED AND 4" COMPACTED GRAVEL BASE DELIVERED TO THE ARCHITECT AFTER THE PROJECT HAS FINAL ACCEPTANCE BY THE INSPECTING AUTHORITY. CONSTRUCTION JOINT DETAIL

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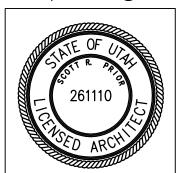
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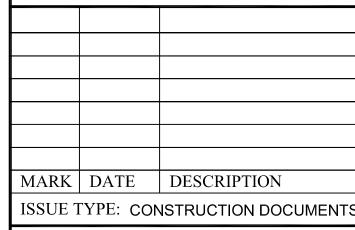
 □ planning ∐ design

architecture **BUILDING NAME:**

UTAH VALLEY STATE COLLEGE OREM, UTAH **CONCRETE WALKWAY IMPROVEMENTS**

PROJECT TITLE:

CONCRETE WALKWAY IMPROVEMENTS UTAH VALLEY STATE COLLEGE OREM, UTAH



ISSUE DATE: 08th June, 2007

DFCM PROJECT NO: 06131790 CAD PROJECT NO: CAD DWG FILE:

DRAWN BY: BRIAN AND SCOTT CHK'D BY: SCOTT COPYRIGHT: STATE OF UTAH

SHEET TITLE

PLAZA AREA **DEMOLITION PLAN**

SHEET NUMBER

A-DT500

SHEET 6